

Title (en)

Ignition device for battery-less engine and method for starting and operating battery-less engine

Title (de)

Zündungsvorrichtung für batterielosen Verbrennungsmotor und Verfahren zum Starten und Betreiben eines batterielosen Verbrennungsmotors

Title (fr)

Dispositif d'allumage pour moteur sans batterie et procédé pour le démarrage et le fonctionnement de moteur sans batterie

Publication

**EP 2703637 B1 20161026 (EN)**

Application

**EP 13179661 A 20130808**

Priority

JP 2012186567 A 20120827

Abstract (en)

[origin: EP2703637A1] In the ignition device for the battery-less engine, a transistor-type ignition control circuit of the engine including a manual starting device is actuated by using output of the generator driven by the engine, and a primary winding of an ignition coil is powered from the ignition control circuit. In the ignition control circuit, a primary powering time period for powering the primary winding from the ignition control circuit is set shorter than a predetermined time period while an engine speed of the engine is within a low engine speed range below a predetermined engine speed, whereas the primary powering time period is set equal to or longer than the predetermined time period while the engine speed of the engine is within a high engine speed range at and above the predetermined engine speed.

IPC 8 full level

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CPC (source: EP US)

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Cited by

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DOCDB simple family (publication)

**EP 2703637 A1 20140305**; **EP 2703637 B1 20161026**; JP 2014043811 A 20140313; JP 5910943 B2 20160427; US 2014053820 A1 20140227; US 9366218 B2 20160614

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